



GENERAL INFORMATION

852 Series is a 2K Polyurethane designed for exceptional gloss, hardness, and chemical resistance. This single-stage topcoat provides excellent productivity for spot, panel, and overall repairs.



1. COMPONENTS

- 852 Series Color
- HPC007 Activator (Overall)
- HPC0 Slow Activator
- HPC1 Standard Activator
- HPC2 Fast Activator
- HPC3 Warp Speed Activator
- 171 Fast Uni-Solvent - up to 75°F (24°C)
- 172 Medium Uni-Solvent - 75-85°F (24-29°C)
- 173 Slow Uni-Solvent - 85-95°F (29-35°C)
- 174 Very Slow Uni-Solvent - 95°F (35°C) and above



2. MIXING RATIO

Mix three (3) parts 852 Series base with one (1) part HPC007 Activator. 852 may be reduced up to 10% with Urethane Reducers listed above (3:1:0-10%).



3. OPTIONAL MIXING RATIO

Mix four (4) parts 852 Series base with one (1) part HPC Activator. 852 may be reduced up to 10% with Urethane Reducers listed above (4:1:0-10%).



4. POT LIFE @ 77°F (25°C)

3 hours.



5. CLEAN UP

Valspar Refinish 100 Thinner (check local regulations).



6. ADDITIVES

ACCELERATOR: T566 up to 2 ounces per mixed gallon (1 ounce required below 75°F (24°C)).

FISHEYE: T152 Fisheye Eliminator up to 1 ounce per gallon.

FLEX ADDITIVE: Not Required

NOTE: Do not spray when surface temperature is below 50°F (10°C).



7. SURFACE PREPARATION

USE RECOMMENDED UNDERCOAT SYSTEM FOLLOWING RECOMMENDED PROCEDURES.

- Finish sand with 360-400 grit wet or dry sandpaper or equivalent.
- Mask all adjacent areas to prevent over spray problems.



8. SUBSTRATES

- 87N or CPSEN
- DTM2004 or CPSDTM
- Properly Prepared OEM Finish
- VP50, CPSVP or CPSVPLV Series Epoxy Primer
- Valspar Polyurethane Primer/Sealers



9. APPLICATION

SOLID COLORS: Apply one medium wet coat followed by a full second coat allowing 15-30 minutes flash between coats.

METALLIC COLORS: Apply one light coat followed by a second medium wet coat allowing 10-20 minutes flash between coats.



10. TINTING

May be tinted up to 5% with Universal Intermix Tints.



11. FLASH / DRY TIMES

AIR DRY @ 77°F (25°C)

Flash between coats	10-30 Minutes.
Dust Free	15 Minutes
To Sand/Buf	Overnight
To Tape	Overnight
To Deliver	Next Day

FORCE DRY

Flash before Force Dry	20 Minutes
Force Dry Time	30 Minutes @ 130°F (54°C)
To Sand/Buf after Cool Down	1-2 Hours

12. INFRARED CURE

See Infrared Curin Information section.



13. GUN SET UP

CONVENTIONAL GUN

Gravity Feed 1.5 mm - 1.8 mm

Siphon Feed 1.6 mm - 1.8 mm

HVLP

Gravity Feed 1.3 mm - 1.5 mm

Pressure Pot 6 -10 PSI at Pot

Fluid Deliver 14 - 16 oz. per Minute

AIR PRESSURES

Conventional @ Gun

Gravity Feed 30-35 psi

Siphon Feed 35-45 psi

HVLP @ Cap

PANEL

30-35 psi

35-45 psi

8-10 psi

OVERALL

35-45 psi

45-55 psi

8-10 psi



14. PHYSICAL DATA

VOC (Ready-to-Spray/Unreduced)	3.9 - 4.2 lbs./gal.
Volume Solids	42.5% Average
Theoretical Coverage	684 sq. ft. per mil per gallon
Recommended DFT	1 - 3 mils.
Zahn #2 Viscosity (RTS)	20 - 22 Seconds